

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54	8	("4859277"   "5254369"   "5695819"   "5783839"). PN. OR ("6342453"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/09 10:48
S53	19	(gradient or graded) (nonlinear or "non linear") (sige or "silicon germanium")	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/09 10:48
S52	605	(gradient or graded) ("stepwise" or "step wise" or step) (sige or "silicon germanium")	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/09 10:47
S51	479	(gradient or graded) ("stepwise" or "step wise" or step) (sige or "silicon germanium")	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/09 10:47
S50	13	(gradient or graded) (nonlinear or "non linear") (sige or "silicon germanium")	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/09 10:45
S49	7	("20020017642"   "5256550"   "5442205"   "5759898"   "5891769"   "6313016"   "6876010"). PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/09 10:39
S48	7	("20020017642"   "5256550"   "5442205"   "5759898"   "5891769"   "6313016"   "6876010"). PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:16
S47	249	S45 same SiGe	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:10
S46	606	S45 and SiGe	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:09
S45	35257	step with (graded or gradient)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:09
S44	12	S43 and SiGe	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:08

S43	1735	non-linear with (graded or gradient)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:08
S42	5	S41 and SiGe	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:07
S41	1289	nonlinear with (graded or gradient)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:07
S40	2	S39 and SiGe	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:07
S39	153	nonlinear adj (graded or gradient)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:07
S38	0	nonlinear adj (graded or gradient) SiGe	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:07
S37	182	("20010003364"   "20010014570"   "20020043660"   "20020052084"   "20020084000"   "20020096717"   "20020100942"   "20020123167"   "20020123183"   "20020123197"   "20020125471"   "20020125497"   "20020168864"   "20020185686"   "20030003679"   "20030013323"   "20030025131"   "20030034529"   "20030041798"   "20030057439"   "20030077867"   "20030102498"   "20030127646"   "20030186073"   "4010045"   "4710788"   "4900372"   "4987462"   "4990979"   "4997776"   "5013681"   "5091767"   "5097630"   "5155571"   "5159413"   "5166084"   "5177583"   "5202284"   "5207864"   "5208182"   "5210052"   "5212110"   "5221413"   "5241197"	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:03

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S36	13	("5221413"   "5442205"). PN. OR ("6525338"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:01
S35	8	("20020017642"   "20020084000"   "5221413"   "5352912"   "5442205"   "5500389"   "6107653"   "6525338"). PN. OR ("7405142"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 17:01
S34	5	("5323032"   "5352912"   "5440152"   "6316795"   "6388307").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 16:33
S33	29	("5440152").URPN.	USPAT	SAME	ON	2009/10/08 16:28
S32	11	S31 and sige	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 16:23
S31	73	wael fahmy and graded	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 16:23
S30	40	S27 and exponential	US-PGPUB; USPAT; USOCR	WITH	ON	2009/10/08 15:51

S29	279	("20010003269"   "20010003364"   "20010007789"   "20020043660"   "20020063292"   "20020084000"   "20020096717"   "20020100942"   "20020123167"   "20020123183"   "20020125471"   "20020125497"   "20020140031"   "20020167048"   "20020168864"   "20020190284"   "20030003679"   "20030013305"   "20030013323"   "20030034529"   "20030057439"   "20030102498"   "20030119280"   "20030127646"   "20030139000"   "20030157787"   "20030160300"   "20030178681"   "20030189229"   "20030199126"   "20030201458"   "20030203600"   "20030207127"   "20030215990"   "20030218189"   "20030219957"   "20030227036"   "20030227057"   "20030230778"   "20030232467"   "20040005740"   "20040007715"   "20040007724"   "20040009649"   "20040012037"   "20040012075"   "20040014276"   "20040014304"   "20040018699"   "20040031979"   "20040031990"   "20040041174"   "20040041210"   "20040048091"	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 15:50
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S24	142	("5177583"   "5298452"   "5399522"   "5442205"   "5534713"   "5630905"   "5659187"   "5714777"   "5891769"   "5906951"). PN. OR ("6107653"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 15:34
S23	8	("20020017642"   "20020084000"   "5221413"   "5352912"   "5442205"   "5500389"   "6107653"   "6525338"). PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 15:33
S22	12	("2002/0017642").URPN.	USPAT	SAME	ON	2009/10/08 15:31

S21	467	257/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2009/10/08 15:12
S20	854	257/19	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2009/10/08 15:12
S19	34	257/E21.127	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 15:12
S18	25	257/E21.125	US-PGPUB; USPAT; USOCR	SAME	ON	2009/10/08 15:12

### EAST Search History (Interference)

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**10/ 9/ 2009 12:29:02 PM**

**C:\ Documents and Settings\ jingham\ My Documents\ EAST\ Workspaces\ methods of making layers\ 10 597809 ratio of materials descreasing from substrate to upper surface. wsp**